

**TINTWISTLE**  
**Rural District Council.**



**Annual Report**  
OF THE  
**Medical Officer of Health**  
FOR THE YEAR 1908.



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# Tintwistle Rural District Council.

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## ANNUAL REPORT OF THE Medical Officer of Health, FOR THE YEAR 1908.

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*To the Chairman and Gentlemen of the Tintwistle  
Rural District Council.*

GENTLEMEN,

I beg to submit to you my Report of the sanitary conditions of your district during the year 1908, with statistics of sickness and mortality on Tables 1, 3, 4 and 5, and also Report on the administration of the Factory and Workshop Act, 1901.

Population—Census 1901 .....	2,095
Estimated to middle of June, 1908...	2,300
Area in acres .....	16,175
Birth-rate per 1,000 living .....	18·2
Death-rate per 1,000 living .....	13·4
Death-rate from Zymotic Diseases ...	0·8
Deaths under one year to 1,000 births	71

The population of the district slightly increased in 1907 ; this was owing to additional employment at the River Etherow Bleaching Company's Works in the adjoining district of Hollingworth, and to a number of houses having been built in the Matley portion of the district. The estimate in the middle of June, 1907, was 2,300 ; which gives 4·2 persons to each house. The estimate to the middle of June, 1908, is the same.

#### BIRTH-RATE.

During 1908, the number of births registered in the district was 42 (22 males and 20 females,) equal to a birth-rate of 18·2 per 1,000 persons living, and is 3·0 below the mean birth-rate for the previous 10 years.

#### DEATH-RATE.

The number of deaths registered was 34, including three deaths of persons belonging to the district that died in Public Institutions beyond the district, (12 males and 22 females,) equal to a death-rate of 14·7 per 1,000 persons living, and is 0·3 above the mean death-rate for the previous 10 years.

#### INFANT MORTALITY.

Three of the deaths were infants under one year of age, equal to a death-rate of 1·3 per 1,000 persons living, and 71 per 1,000 births registered.

The causes of these three deaths were ascribed to Marasmus, 1 ; Convulsions, 1 ; Premature Birth, 1. One died at the age of 4 days; 1, 12 days; and 1, 10 months.

The principal causes of deaths above one year were—Heart Disease, 6 ; Bronchitis, 2, Pneumonia 2 ; Phthisis, 4 ; Measles, 1 ; Scarlet Fever, 1.

## ILLEGITIMATE INFANTS.

Two of the 42 born were illegitimate, both are living. No uncertified deaths were registered during the year.

## INQUESTS.

The Coroner investigated the cause of two deaths, and the following verdicts were given :—

Female, 56 years—Heart Failure, due to Bronchitis.

Female, 4 days—Convulsions: Natural Causes.

## INFECTIOUS DISEASES.

There were 19 cases of Infectious Disease notified, viz :—18 Scarlet Fever and 1 Diphtheria.

After the outbreak in 1907, several cases occurred in the early part of last year, in the locality of Conduit Street and Manchester Road. One of these was infected by a schoolfellow, from Stalybridge; this boy infecting another a few houses away, in the same street. After an interval of nearly two months, (July) two other cases were reported in the Summer Camp for poor little girls from the slums of Manchester, a few days after their arrival in camp. It was found, upon enquiry, that these children had come out of a street in Manchester where Scarlet Fever was prevalent. The Authorities in Manchester removed both cases to the Manchester Fever Hospital. All the other girls were taken home, and the clothes and bedding taken away by the Manchester Sanitary Authority to be disinfected, and the camp building stoved and cleaned.

In September, another centre of infection was imported into the village, which appeared to have been contracted at

Ashton. This was followed by a case in Manchester Road, in October, and two others in the same house in New Road, in October. The disease was principally confined to the locality of Conduit Street and Manchester Road.

The Schools were not closed as they did not appear to be a factor in spreading the disease. Nearly half the children that were infected were under school age.

One case proved fatal, owing to subsequent Nephritis, but the type of the disease generally was of mild character.

The last case was notified in Hattersley, and was sent to the Hyde Isolation Hospital.

#### DIPHTHERIA.

A case of Diphtheria was also notified in August, in Hattersley. The Antitoxin treatment was adopted, and proved successful.

#### MEASLES.

Measles, which is not notifiable in the district, was very prevalent in the first quarter of the year, causing the death of an infant, owing to convulsions supervening.

#### ISOLATION HOSPITAL.

No cases of Infectious Disease were admitted during the year.

#### ACTION TAKEN TO PREVENT THE SPREAD OF INFECTIOUS DISEASES.

Isolation is carried out as far as possible, and the parents of children suffering from infectious diseases are instructed to keep all other members of the family from school, and other people's children from entering the infected

house, until all risk of infection is over. Printed instructions to this effect are also forwarded immediately upon receipt of notification. Information is also given to the school masters. The premises are examined for insanitary conditions. Disinfectants are also supplied gratuitously during the illness, and the clothes and bedding subsequently disinfected by the Inspector.

#### WATER SUPPLY.

Tintwistle is supplied with water from a reservoir of its own, some three miles distant from the village, and is both good and plentiful. The new houses that have been erected in the Matley portion of the district, during the past 18 months, are supplied from a small reservoir in the hill-side at Hurst Clough. The other portion of this, and the Hattersley district, which are principally composed of small farms, obtain their supply chiefly from springs.

In December I received a letter, through the Clerk of the Council, from the Local Government Board, enquiring if any cases of Lead Poisoning had come to my knowledge in the district during recent years. No information of the kind has ever reached me, and I have since made enquiries of all the medical men practising in the district, and they have all replied in the negative.

As Ashton-under-Lyne, Stalybridge, and Dukinfield (District) Waterworks Joint Committee is mentioned in the Local Government Board's letter, they are apparently under the impression that this district, or a part of it, is supplied from that source, which is not the case.

#### MILK SUPPLY.

There are no Milk Shops, the supply being retailed direct from the surrounding farms.

## COMMON LODGING-HOUSES.

**None in the district.**

## NOXIOUS TRADES.

**None in the district.**

## SLAUGHTER-HOUSE.

**One only in the district, which is kept clean and in good order.**

## COWSHEDS AND DAIRIES.

**Regulations under the Dairies, Cowsheds, and Milkshops Orders were made by the Council in 1901, and came into force in October of the same year.**

**There are 30 Cowkeepers in the district. Generally speaking, the condition of the dairies and cowsheds have been found clean, and in fairly good order. Most of them are visited quarterly; others, that are always found clean, about twice a year, and when sanitary defects are observed, notices are served to remedy them. In some instances improvements have been made: one cowshed built and alterations in others are in hand.**

## FACTORIES AND WORKSHOPS.

**One small Factory and five Workshops—1 Workshop-bakehouse; 1 Boot-shop; and 3 domestic Workshops. They have been visited quarterly, and found clean, well ventilated, ample air space, and in all respects in good order.**

**No under-ground bakehouses in the district.**

## INSPECTION OF THE DISTRICT.

**The district has been inspected periodically by myself**

and Sanitary Inspector, and where insanitary conditions have been found, notices have been served upon the owners to remedy them.

#### NEW PROPERTY.

Two new houses have been built in the Matley portion of the district.

#### REMOVAL OF EXCRETA AND REFUSE.

The disposal of excreta is chiefly with ashpit refuse—the combined privies and ashpits are emptied principally by farmers and owners of the property to which the ashpits belong, under the supervision of the Sanitary Inspector,

#### REPORT OF SANITARY INSPECTOR.

Mr. S. E. Kettlewell, the Sanitary Inspector, reports that improvements have been made on the property at Edge Row, by putting in new windows, flagging of the back yard, and repairing the closets. That the new tenant at Matley Hall Farm has put the premises in a clean and satisfactory condition. He has also served notices to owners of property where nuisances were found when inspecting the district; superintended the emptying of ashpits, supplied disinfectants to persons in whose houses there was infectious disease, and, after their recovery, disinfected the clothing and bedding, and made regular visits to dairies, cowsheds, slaughter-houses, and workshops in the district.

I am, Gentlemen,

Your obedient servant,

**W. E. S. Burnett,**

Medical Officer of Health.

TABLE I.

Vital Statistics of Whole District during 1908 and previous Years.  
Name of District—TINTWISTLE RURAL.

YEAR.	Population estimated to middle of each Year.	BIRTHS.			Total Deaths registered in District			Deaths of Residents registered in Public Institutions beyond the District			Nett Deaths at all Ages belonging to the District.		
		Under 1 yr. of age			At all ages			Rate per 1,000 Births Registered	Number	Rate	Number	Rate	Number
		1	2	3	4	5	6						
1898	2450	49	20·0	7	142	37	15·1	...	...	37	15·1		
1899	2200	43	19·5	3	69	33	15·0	...	...	33	15·0		
1900	2200	58	26·3	6	103	35	15·9	...	...	35	15·9		
1901	2095	49	23·3	6	122	31	15·2	...	...	31	15·2		
1902	2095	38	18·1	7	184	34	16·2	...	...	34	16·2		
1903	2095	47	22·4	6	127	29	13·8	3	3	32	15·2		
1904	2095	41	19·5	7	170	28	13·6	2	2	30	14·3		
1905	2095	48	22·9	9	187	33	15·7	...	...	33	15·7		
1906	2095	54	25·7	5	92	25	11·9	...	...	25	11·9		
1907	2300	34	14·7	3	71	24	10·0	...	...	24	10·0		
Averages for years 1898-1907	2172	46	21·2	5	126	30	14·2	0·5	31	31	14·4		
1908	2300	42	18·2	3	71	31	13·4	3	3	34	14·7		

Area of District in acres (exclusive of area covered by water) 1676  
Total Population at all ages ... ... ... ... 1676  
Number of Inhabited Houses ... ... ... ... 479  
At Census 2095  
Average number of persons per house 4·3 of 1901.

TABLE III.

## Cases of Infectious Diseases notified during year 1908

Name of District—TINTWISTLE RURAL.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						
	All Ages.	AT AGES.—YEARS.					
		Un- der 1 yr.	1 to 5	5 to 15	15 to 25	25 to 65	65 & up- ward
Diphtheria (including Membranous croup)	1	...	1	...	...	...	...
Scarlet Fever.....	18	...	8	4	5	1	..
Totals .... .....	19	...	9	4	5	1	...

Isolation Hospital—MOTTRAM MOOR.

TABLE IV.

Causes of, and Ages at Death during year 1908.

Name of District.—TINTWISTLE RURAL.

CAUSES OF DEATH.	Deaths at the subjoined ages of Residents whether occurring in or beyond the District.						
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and up- wards
Measles .....	1	...	1	...	...	...	..
Scarlet Fever .....	1	...	1	...	...	..	...
Phthisis (pulmonary tuberculosis .....	4	...	...	1	1	2	...
Other Tuberculous Diseases .....	1	1	...	...	...	...	...
Cancer, malignant dis- ease .....	1	...	...	...	...	1	...
Bronchitis .....	2	...	...	...	...	1	1
Pneumonia .....	2	...	...	...	..	1	1
Premature Birth .....	1	1	...	...	...	...	..
Heart Diseases .....	6	...	...	1	..	2	3
All other causes .....	15	1	...	...	1	3	10
All Causes .....	34	3	2	2	2	10	15

TABLE V.  
TINTWISTLE RURAL DISTRICT.

Infantile Mortality during the Year 1908.

DEATHS FROM STATED CAUSES, IN WEEKS AND MONTHS,  
UNDER ONE YEAR OF AGE.

CAUSE OF DEATH	Under 1 Week	1-2 Weeks	Total under 1 Month	10-11 Months	Total Deaths under 1 year.
ALL CAUSES, Certified	1	1	2	1	3
Premature Birth .....	...	1	1	...	...
Marasmus .....	...	...	...	1	1
Convulsions .....	1	...	1	...	...
	1	1	2	1	3

Population, estimated to middle of 1908	...	...	2300
Births in the year { legitimate	...	...	40
illegitimate	...	...	2
Deaths in the year { legitimate infants	...	...	3
illegitimate infants ..	...	...	0
Deaths from all causes at all ages	...	...	31

## **Factories, Workshops, and Workplaces.**

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### **1.—INSPECTION.**

**INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR**

PREMISES.	NUMBER OF		
	Inspec-tions	Written Notices	Prose-cutions
Factories .....	4	None.	None.
Workshops .....	20	do	do.
Total.....	24	—	—

No Home Work.

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### **2.—DEFECTS FOUND.**

None.

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### **3.—REGISTERED WORKSHOPS.**

Workshops on the Register at end of Year	Number.
Workshops and Bakehouses (Confectioners) ..	1
Other Workshops ... ... ... ...	4
Total number of Workshops on Register ...	5



